

US EPA ARCHIVE DOCUMENT

**Comparison of Treatment Standards
Calculated for Stabilized Waste Vs. HTMR Residues (mg/L)**

Constituents	TS - Stabilization	TS - HTMR	Proposed UTS <u>1/</u>
Antimony	0.068	0.043	0.07 <u>2/</u>
Arsenic	0.14	0.026	5.0 <u>3/</u>
Barium	21	3.3	21
Beryllium	0.012	0.018	0.02 <u>2/</u>
Cadmium	0.014	0.20	0.20
Chromium	0.33	0.85	0.85
Lead	0.75	0.12	0.75
Mercury	0.081	--	0.02 <u>4/</u>
Nickel	0.081	13.6	13.6
Selenium	0.12	0.29	5.7 <u>5/</u>
Silver	0.0085	0.11	0.11
Thallium	0.20	--	0.20
Vanadium <u>6/</u>	1.6	0.015	1.6
Zinc <u>6/</u>	4.3	3.8	4.3

- 1/ The proposed universal treatment standard (UTS) was established by selecting the higher of the two treatment standards calculated for stabilized wastes and HTMR residues.
- 2/ The proposed UTS was rounded up.
- 3/ The UTS level of 5.0 mg/L is based on vitrification.
- 4/ The UTS level of 0.20 mg/L is based on retorting.
- 5/ The UTS level of 5.7 mg/L is based on the level proposed for TC wastes (see the preamble for today's rule for a complete discussion of how this level was obtained. (See also 55 **FR** 22689; June 1, 1990.)
- 6/ This constituent is not regulated as an underlying hazardous constituent (UHC) for characteristic wastes.